

Amendment to the Claims

1. (Currently amended) A sealing apparatus, comprising:
 - a pair of upper and lower seal blocks (22, 23) located across a transfer track of a tube film (20) accommodating materials (21) at equal spaces, for clamping the tube film between the materials;
 - a pair of seal bars (35) provided inside skirt parts (39) of the seal blocks (22, 23);
 - a cutting edge (51) attached to one of the seal bars (35);
 - an edge receiving groove (52) formed in the other of the seal bars, for receiving the cutting edge to cut the tube film (20); and
 - narrow continuous standing gaps (46) formed in part of a space between opposite edges of the respective skirt parts,whereby air in a front tube film in a transfer direction of the film is evacuated to the outside of the seal block through the ~~narrow continuous standing gaps~~ and edge receiving groove (52),
 - wherein
 - (a) ~~each of~~ the narrow continuous standing gaps (46) formed by cutting the opposite edges of the respective skirt parts comprises ~~pairs~~ a pair of upper and lower teeth (44, 45) opposing to each other, and ~~one of~~ a plurality of parallel air passage portions ~~each formed~~ between the respective adjacent pairs of teeth, while a plurality of ports (47) respectively formed on opposite sides of the narrow continuous standing gaps (46) are connected to a vacuum tank (61) having a vacuum pump (60) as a vacuum source thereof, via a sub-vacuum line (49) ~~whereby upper and lower faces of the cut portion of the tube film are separated apart along the narrow gap and parallel air passage gaps by means of vacuum suction force action on the sub-vacuum line, and a first opening and closing valve (62) is provided in the sub-vacuum line (49) and a second opening and closing valve (64) is provided in a main vacuum line (63),~~
 - (b) ~~air inside the front tube film to be evacuated to the outside of the seal block through the cutting edge receiving groove is sucked through a main-vacuum line connecting the seal block and the vacuum tank when the pair of seal blocks clamp the tube film and the cutting edge cuts the tube film, substantially simultaneously the first opening and closing valve is opened to separate apart upper and lower faces of the cut portion of the tube film along the narrow continuous~~

standing gaps by means of vacuum suction force acting on the sub-vacuum line, and intermittent air holes for evacuating air from the tube film are formed in the tube film along the parallel air passage portions by the separating action, and

(c) the second opening and closing valve is opened slightly later than the opening of the first opening and closing valve, and air inside the front film to be evacuated to the outside of the seal block through the cutting edge receiving groove is sucked through the main-vacuum line connecting the seal block and the vacuum tank.

2. (Canceled)

3. (Canceled)

4. (Currently amended) The apparatus according to claim 1, wherein a cooling water drain passage is formed in a pair of attached blocks formed with the narrow continuous standing gaps and ~~the tunnel-shaped air passage gaps~~ are embedded in the opposite edges of the skirt parts by cutting the opposite edges of the skirt parts.